

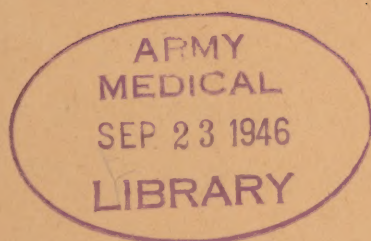
JAPANESE MEDICAL MATERIAL

OXYDIPHENYLAZETAT

(Para-diphenyl-acetate)

0-260

291784



Medical No. 237

7 June 1946

MEDICAL ANALYSIS SECTION
5250th Technical Intelligence Company
APO 500

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OXYDIPHENYLAZETAT

(Para-diphenyl-acetate)

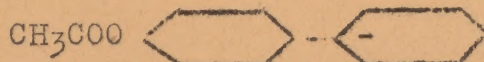
SOURCE: Tokyo, Japan.

IMPORTANCE: Not previously reported. An organic synthetic preservative. Not listed in standard American references.

DESCRIPTION: Approximately 30 gm. are contained in a glass stoppered clear glass bottle. The crystals are transparent but possess a silky lustre when massed.

SUMMARY OF GENERAL INFORMATION: The following information was obtained during the interrogation of Dr. S. Sugasawa, Director of Pharmaceutical Institute of Tokyo Imperial University, and Dr. Chuzo Hata, Chief of the Hospital Pharmacy of the Tokyo Imperial University.

Oxydiphenylazetat is para-diphenyl-acetate of the following chemical structure:



It is an odorless, tasteless, non-toxic, organic synthetic prepared by the method recorded in Beilstein's Handbook of Organic Chemistry. It is used as a preservative and is similar in action to the ethyl, butyl and propyl esters of p-hydroxy-benzoic acid. In food, a 1 - 5000 concentration is employed. In aqueous ophthalmological preparations, and as an anti-fermentative in

other medicinal products, it is used in 1 - 2000 to
1 - 3000 concentrations.

The Monotani Co. of Osaka produces this chemical.

PHOTOGRAPHS:

Figure 1 - Oxydiphenylazetat as obtained.

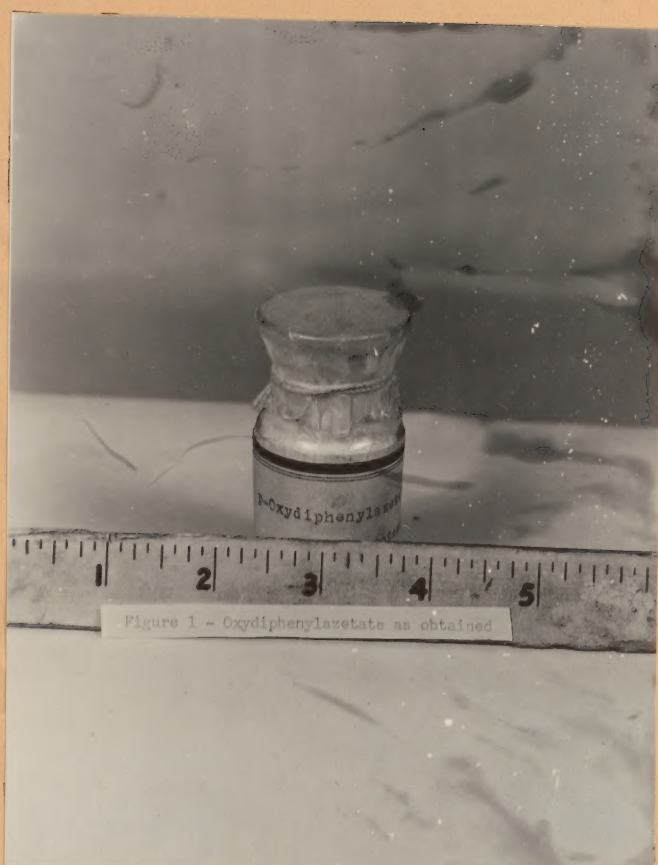


Figure 1 - Oxydiphenylazetate as obtained